BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

Modified Schedule - B

BBMP/2021-22/RD/WORK_INDENT49812

NAME OF WORK: Modified Estimate for Augmentation of Water Supply throught Borewells, Network of Pipelines and ground water Recharges facilities in areas layouts of Shettyhalli Village. Abbigere Village & Chikkasandra village in W no 12

Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,	No	18.00	3881.04	Rupees Three Thousand Eight Hundred Eighty One and Four Paise Only
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.				

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words
3	Ch 0.00 to 50.00	Rmt	900.00	357.41	Rupees Three Hundred Fifty Seven and Forty One Paise Only
4	Ch 50.00 to 100.00	Rmt	900.00	455.26	Rupees Four Hundred Fifty Five and Twenty Six Paise Only
5	Ch 100.00 to 150.00	Rmt	900.00	469.68	Rupees Four Hundred Sixty Nine and Sixty Eight Paise Only
6	Ch 150.00 to 200.00	Rmt	900.00	552.08	Rupees Five Hundred Fifty Two and Eight Paise Only
7	Ch 200.00 to 250.00	Rmt	900.00	653.02	Rupees Six Hundred Fifty Three and Two Paise Only
8	Ch 250.00 to 300.00	Rmt	684.00	721.00	Rupees Seven Hundred Twenty One Only
9	Ch 300.00 to 350.00	Rmt	90.00	849.75	Rupees Eight Hundred Forty Nine and Seventy Five Paise Only

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
10	Providing and fixing unplasticised PVC pipes with working pressure 10 kg/sq.cm with pipe fittings, clips, making good the floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. -do- with 250mm outer dia (Casing Pipe)	Rmt	450.00	2980.82	Rupees Two Thousand Nine Hundred Eighty and Eighty Two Paise Only
11	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty.	Rmt	1080.00	1364.75	Rupees One Thousand Three Hundred Sixty Four and Seventy Five Paise Only
12	Providing 175mm Dia M.S. Collar	No	180.00	154.50	Rupees One Hundred Fifty Four and Fifty Paise Only
13	Providing 175mm dia Borewell Cap & Clamp Set	No	18.00	1854.00	Rupees One Thousand Eight Hundred Fifty Four Only

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
14	Submersible Three phase (6 inch/150mm) and other equipments pumps 15 HP/11KW (35 stage)	No	18.00	69755.72	Rupees Sixty Nine Thousand Seven Hundred Fifty Five and Seventy Two Paise Only
15	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. G.I. Pipe 50mm 'B' Class	Rmt	4950.00	453.10	Rupees Four Hundred Fifty Three and Ten Paise Only
16	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX6.0 sq.mm	Rmt	10296.00	211.15	Rupees Two Hundred Eleven and Fifteen Paise Only
17	Providing and fixing in position 50mm Nominal bore non- return Valve verticle type of approved make including cost of all materials, labour HOM of equipment with all lead complete as per Specification	No	18.00	1965.24	Rupees One Thousand Nine Hundred Sixty Five and Twenty Four Paise Only
18	Spplying and fixing 50mm GI Union.	No	18.00	230.41	Rupees Two Hundred Thirty and Forty One Paise Only

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				In Figures (Rs.)	In Words (Rs.)
19	Spplying and fixing 50mm GI Elbow	No	18.00	115.15	Rupees One Hundred Fifteen and Fifteen Paise Only
20	Spplying and fixing 50mm GI Nipple.	No	18.00	107.43	Rupees One Hundred Seven and Forty Three Paise Only
21	Spplying and fixing 50mm GI Hose collers.	No	846.00	106.09	Rupees One Hundred Six and Nine Paise Only
22	Fabricating ,Supplying and mounting MS Box made out of 16swg suitable for floor mounting , fully weather proof with provision for better dissipation provided with hinged front cover,equipped with tamper proof locking arrengements with suitable size clamps,if necessary cable entry gland and box shoud be finished with red oxide and two coats of approved colour enameled metal paint etc,complete(Outdoor Panel Box upto 15HP)	No	18.00	16922.90	Rupees Sixteen Thousand Nine Hundred Twenty Two and Ninety Paise Only
23	Supplying and fixing angle iron frame work Fabricated out of MS angle iron and MS flat with bolts nuts washers,etc and painted with two coats of Red oxide and pants	No	18.00	348.14	Rupees Three Hundred Forty Eight and Fourteen Paise Only
24	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,	No	18.00	300.76	Rupees Three Hundred and Seventy Six Paise Only

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
25	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63Amps TPN	No	18.00	2468.91	Rupees Two Thousand Four Hundred Sixty Eight and Ninety One Paise Only
26	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V up to 300mA sensitivity on existing wood/panel board.	No	18.00	3296.00	Rupees Three Thousand Two Hundred Ninety Six Only
27	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 63 amps	No	18.00	3584.40	Rupees Three Thousand Five Hundred Eighty Four and Forty Paise Only
28	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440v A.C. 50 Hz 12/24v D.C.	No	18.00	442.90	Rupees Four Hundred Forty Two and Ninety Paise Only
29	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. Above 12.5 HP upto 25 HP	No	18.00	8240.00	Rupees Eight Thousand Two Hundred Forty Only
30	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities	No	18.00	767.35	Rupees Seven Hundred Sixty Seven and Thirty Five Paise Only

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				In Figures (Rs.)	In Words (Rs.)
31	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm	Rmt	360.00	46.35	Rupees Forty Six and Thirty Five Paise Only
32	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery.	No	72.00	412.00	Rupees Four Hundred Twelve Only
33	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia	No	18.00	3089.69	Rupees Three Thousand Eighty Nine and Sixty Nine Paise Only
34	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete hard soil	Rmt	180.00	105.06	Rupees One Hundred Five and Six Paise Only
35	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Rmt	198.00	154.50	Rupees One Hundred Fifty Four and Fifty Paise Only
36	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm	No	360.00	12.24	Rupees Twelve and Twenty Four Paise Only

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				In Figures (Rs.)	In Words (Rs.)
37	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm	Rmt	51.00	345.05	Rupees Three Hundred Forty Five and Five Paise Only
38	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specifications.	No	18.00	267.80	Rupees Two Hundred Sixty Seven and Eighty Paise Only
39	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps	No	54.00	233.81	Rupees Two Hundred Thirty Three and Eighty One Paise Only
40	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	482.44	490.22	Rupees Four Hundred Ninety and Twenty Two Paise Only
41	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes	Rmt	982.30	471.66	Rupees Four Hundred Seventy One and Sixty Six Paise Only
42	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications	Rmt	99.90	527.34	Rupees Five Hundred Twenty Seven and Thirty Four Paise Only

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
43	Stone dust / Grit 4.75 mm to 0.075 mm	Cum	155.41	1091.80	Rupees One Thousand Ninety One and Eighty Paise Only
44	KSRB 2-4 : Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications.	Cum	289.46	132.11	Rupees One Hundred Thirty Two and Eleven Paise Only
45	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1	Cum	141.49	100.90	Rupees One Hundred and Ninety Paise Only
46	KSRB 2-4 : Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications.	No	54.00	1898.64	Rupees One Thousand Eight Hundred Ninety Eight and Sixty Four Paise Only
47	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	No	108.00	153.94	Rupees One Hundred Fifty Three and Ninety Four Paise Only
48	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	160.81	2061.32	Rupees Two Thousand Sixty One and Thirty Two Paise Only

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49	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision	Sqm	540.04	34.94	Rupees Thirty Four and Ninety Four Paise Only
50	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	27.00	8802.90	Rupees Eight Thousand Eight Hundred Two and Ninety Paise Only
51	KSRRB M500-10. Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.25 kg per sqm on the existing prepared bituminous surface cleaned with mechanical broom. (primed surface) complete as per specifications. Clause 503 of MORTH V revision	Sqm	540.04	10.92	Rupees Ten and Ninety Two Paise Only
52	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen	Cum	21.60	10301.13	Rupees Ten Thousand Three Hundred One and Thirteen Paise Only

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				In Figures (Rs.)	In Words (Rs.)
53	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5	Cum	55.30	490.22	Rupees Four Hundred Ninety and Twenty Two Paise Only
54	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	31.28	5570.36	Rupees Five Thousand Five Hundred Seventy and Thirty Six Paise Only
55	Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed- 2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	66.74	5817.11	Rupees Five Thousand Eight Hundred Seventeen and Eleven Paise Only
56	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	194.40	390.86	Rupees Three Hundred Ninety and Eighty Six Paise Only

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				In Figures (Rs.)	In Words (Rs.)
57	Providing and fixing RCC precast cover slab of 250 mm thick for Chamber in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including formwork, lift charges, curing and concrete finished surfaces on both sides etc., complete as per drawing and directions of engineer-in-charge.Data rate	Sqm	40.50	5580.54	Rupees Five Thousand Five Hundred Eighty and Fifty Four Paise Only
58	KSRB 4.9.2 : Providing T .M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 for TMT Bars Fe500 Complete with all lead and lift and as per the direction of the Engineer-in-Charge.	MT	1.91	95441.88	Rupees Ninety Five Thousand Four Hundred Forty One and Eighty Eight Paise Only
59	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	41.54	499.47	Rupees Four Hundred Ninety Nine and Forty Seven Paise Only
60	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement 180kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @o.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5.80	5675.46	Rupees Five Thousand Six Hundred Seventy Five and Forty Six Paise Only

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	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
61	Providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1: 6 stone chistel dressed in courses not less than 15 cms high bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications	Cum	24.08	6099.29	Rupees Six Thousand Ninety Nine and Twenty Nine Paise Only
62	Providing and laying in position plain cement concret of mix 1:2:4 with cement @ 240kgs with 20mm and down size graded granite metal coarse agregates @ 0.69cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exeeding 15 cm thick well compacted in foundation and plinth and cills, including cost all materilas, labour, HOM of machinery, curing complete as per specifications	Cum	2.72	6031.43	Rupees Six Thousand Thirty One and Forty Three Paise Only
63	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm	95.76	1060.12	Rupees One Thousand Sixty and Twelve Paise Only

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				In Figures (Rs.)	In Words (Rs.)
64	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	7.77	6724.46	Rupees Six Thousand Seven Hundred Twenty Four and Forty Six Paise Only
65	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500	MT	0.70	97242.67	Rupees Ninety Seven Thousand Two Hundred Forty Two and Sixty Seven Paise Only
66	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundation s, footings ,bases of columns for mass concreet including cost of all materials, labour complete as per specifications	Sqm	10.92	287.00	Rupees Two Hundred Eighty Seven Only
67	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	28.00	489.46	Rupees Four Hundred Eighty Nine and Forty Six Paise Only

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				In Figures (Rs.)	In Words (Rs.)
68	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	35.74	1370.48	Rupees One Thousand Three Hundred Seventy and Forty Eight Paise Only
69	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, mortar, labour charges for all items of work, hire charges for equipment etc., complete as per specification.	Sqm	30.10	1348.23	Rupees One Thousand Three Hundred Forty Eight and Twenty Three Paise Only
70	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	90.12	307.02	Rupees Three Hundred Seven and Two Paise Only
71	KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	72.00	260.30	Rupees Two Hundred Sixty and Thirty Paise Only
72	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	92.28	113.46	Rupees One Hundred Thirteen and Forty Six Paise Only

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69	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, mortar, labour charges for all items of work, hire charges for equipment etc., complete as per specification.	Sqm	30.10	1348.23	Rupees One Thousand Three Hundred Forty Eight and Twenty Three Paise Only
70	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	90.12	307.02	Rupees Three Hundred Seven and Two Paise Only
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72	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	92.28	113.46	Rupees One Hundred Thirteen and Forty Six Paise Only

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Sl. No	Description of work	Unit	Qty	Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
73	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drpos and other foreign matter including preparing the surface even asn sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	72.00	112.36	Rupees One Hundred Twelve and Thirty Six Paise Only
74	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification	Sqm	12.60	2900.03	Rupees Two Thousand Nine Hundred and Three Paise Only
75	Supplying and installation of 2000 LPH RO drinking water treatment plant comprising of raw water storage tank, anlt scaling dosing system with pump and tank sand filter activated carbonfilter, high pressure pump R.O membranes, R.O pressure tubes, skid house the complete R.O palnte, control panel, chemical cleaning tank, ph dosing system with pump and dosing tank product water storage UV sterilizer, interconnection piping whithin SKID,complete instrumentation with necessary gagues and flow indicator as required in the plante with PH meter etc.,	No	2.00	669500.00	Rupees Six Lakh Sixty Nine Thousand Five Hundred Only

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Executive Engineer
Dasarahalli Division